

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020659.D
 Acq On : 19 Dec 2024 16:46
 Operator : SY/MD
 Sample : P5306-15
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ210

Quant Time: Dec 20 00:57:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

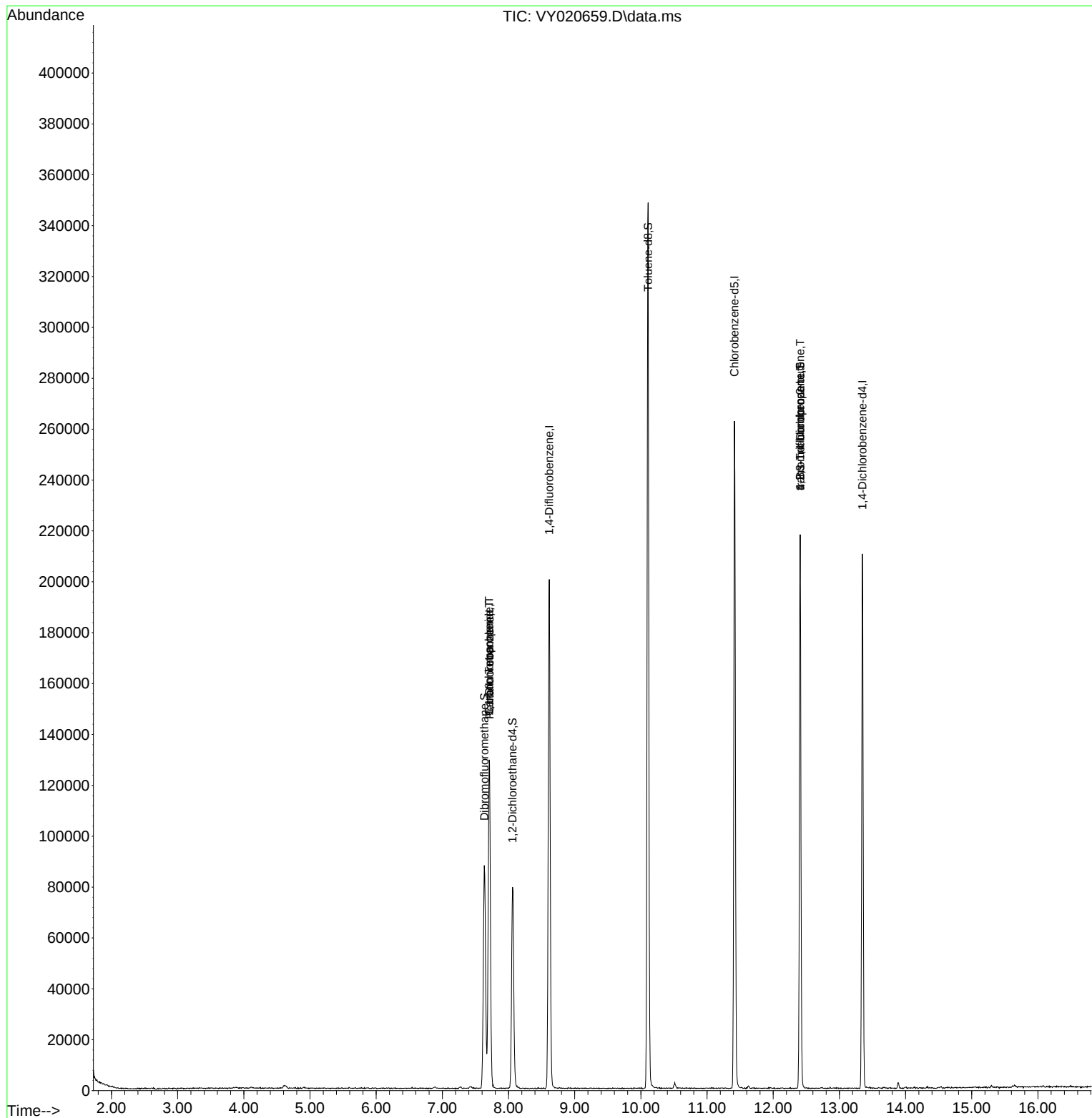
Internal Standards						
1) Pentafluorobenzene	7.713	168	101451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	168414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	136761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	51565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65757	59.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.360%	
35) Dibromofluoromethane	7.634	113	62056	52.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.109	98	230278	55.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.860%	
62) 4-Bromofluorobenzene	12.408	95	66783	41.094	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.180%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.848	59	97	Below Cal	#	75
16) Acetone	3.873	43	710	Below Cal	#	84
30) Chloroform	7.427	83	802	Below Cal		100
36) 1,1-Dichloropropene	7.707	75	8202	3.790	ug/l #	51
38) Carbon Tetrachloride	7.707	117	10092	4.215	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	35725	66.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	35725	139.992	ug/l #	12

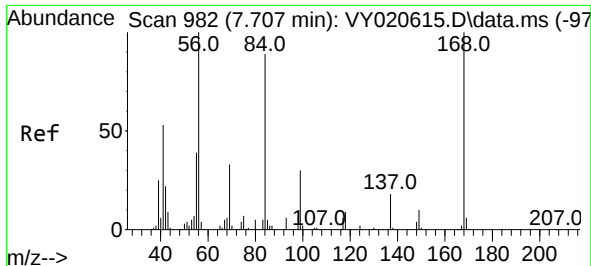
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

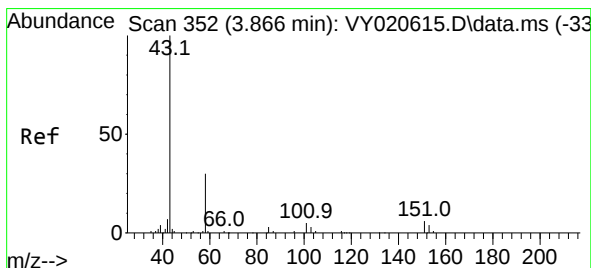
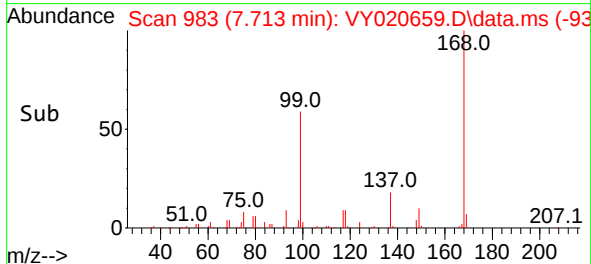
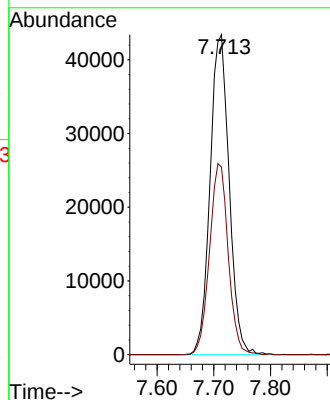
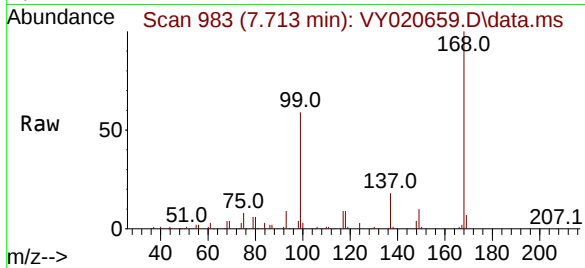




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

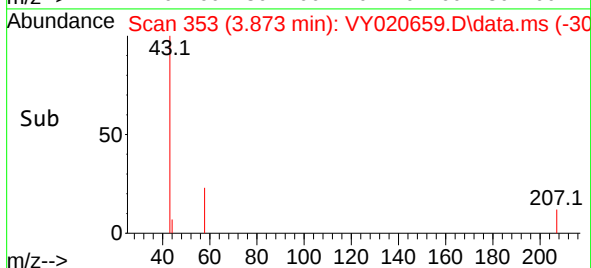
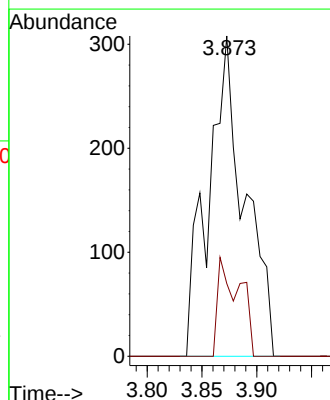
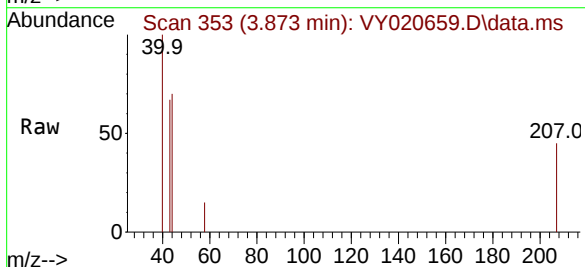
Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

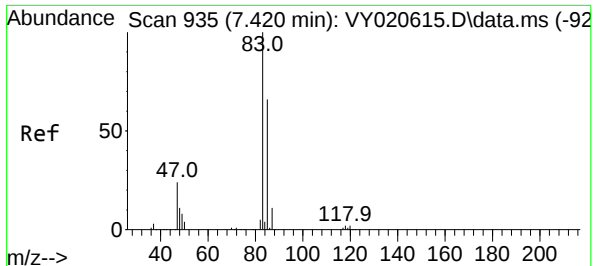
Tgt Ion:168 Resp: 101451
Ion Ratio Lower Upper
168 100
99 58.6 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 22.7 25.0 37.6#

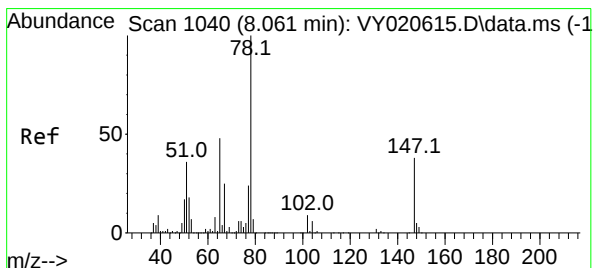
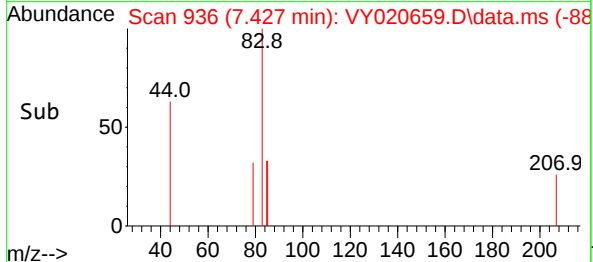
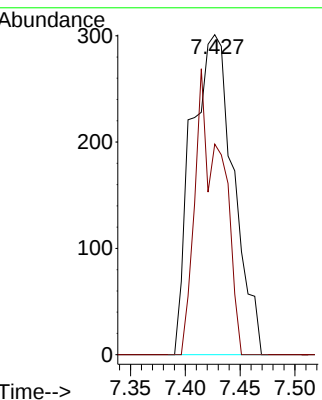
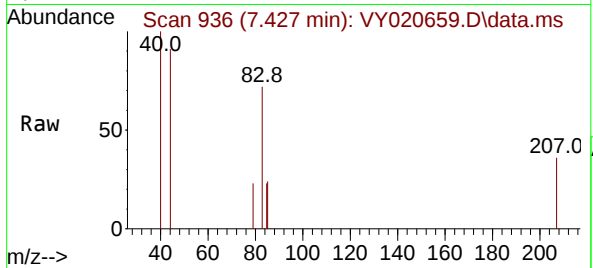




#30
Chloroform
Concen: Below Cal
RT: 7.427 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

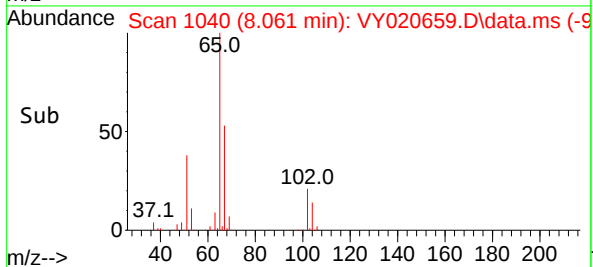
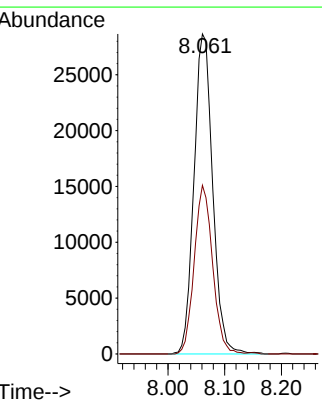
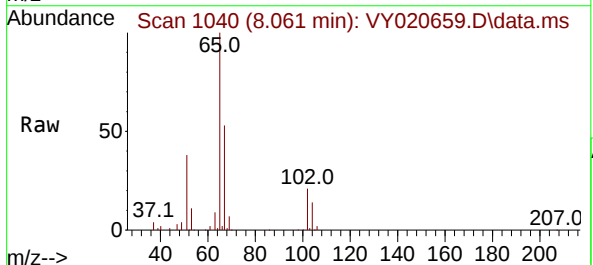
Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

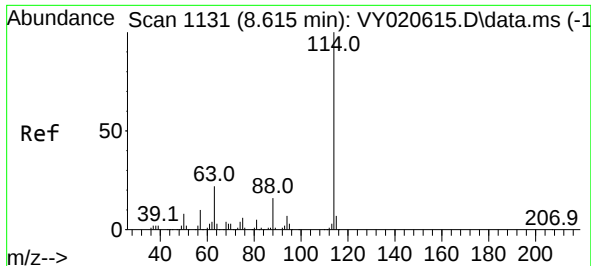
Tgt Ion: 83 Resp: 802
Ion Ratio Lower Upper
83 100
85 65.8 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 59.182 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 65 Resp: 65757
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.0

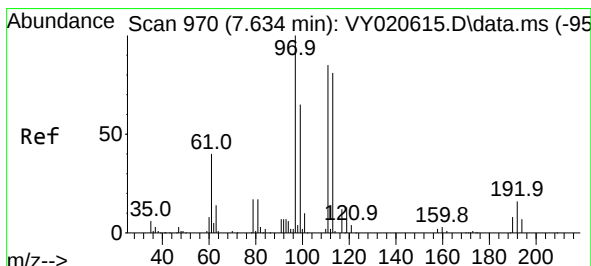
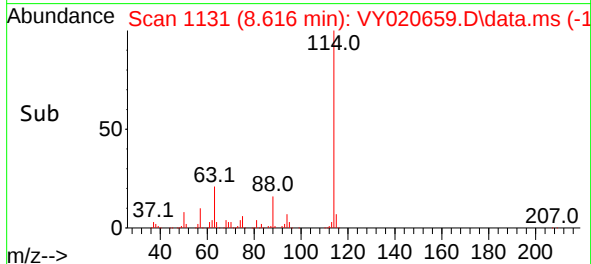
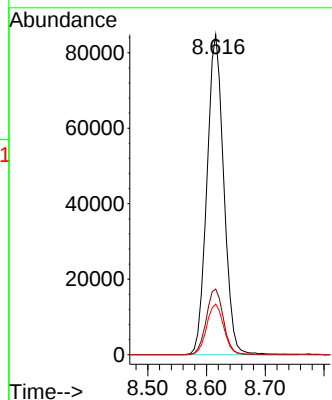
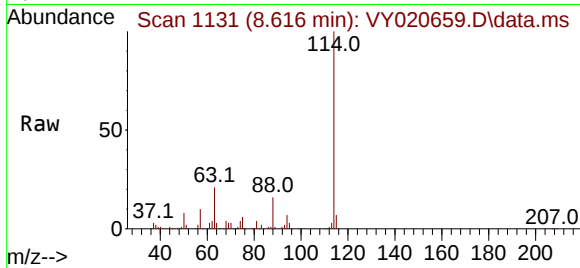




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

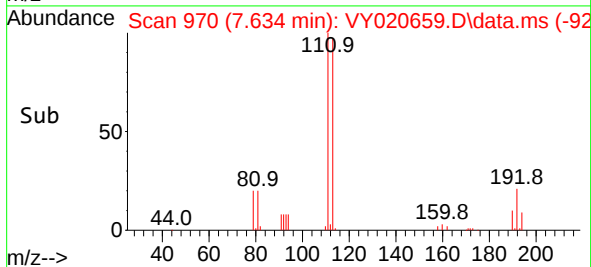
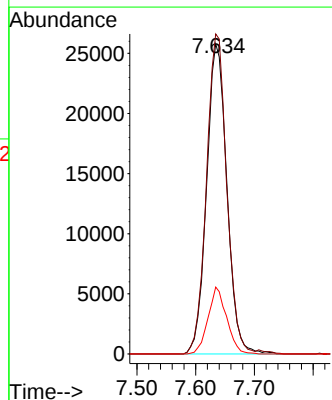
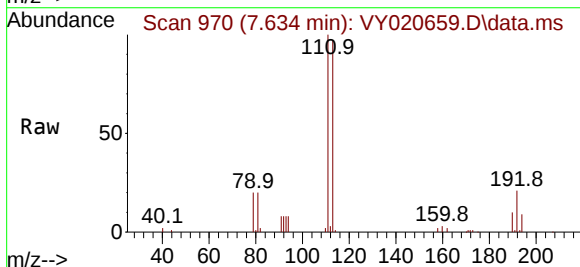
Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

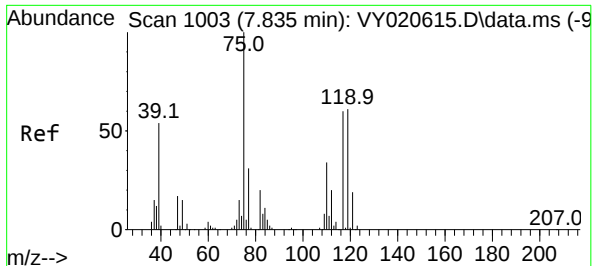
Tgt Ion:114 Resp: 168414
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.0
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.282 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion:113 Resp: 62056
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.8 15.7 23.5





#36

1,1-Dichloropropene

Concen: 3.790 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VNJ210

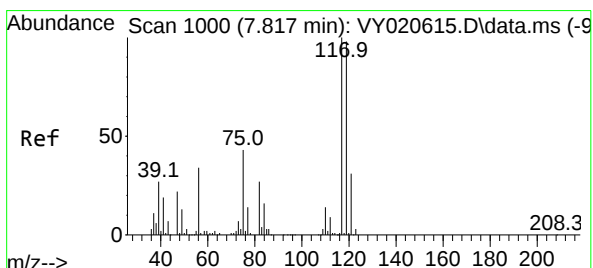
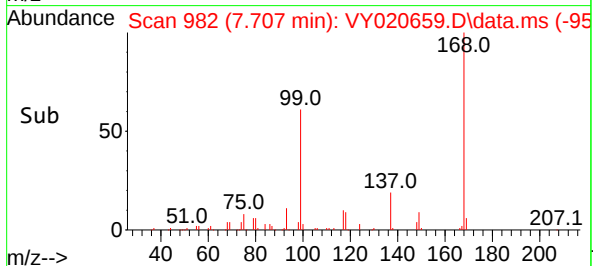
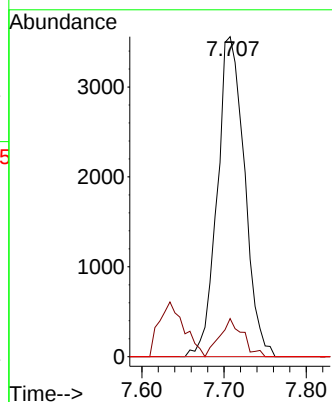
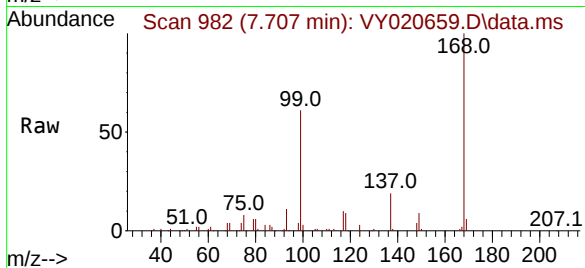
Tgt Ion: 75 Resp: 8202

Ion Ratio Lower Upper

75 100

110 10.1 16.8 50.4#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 4.215 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

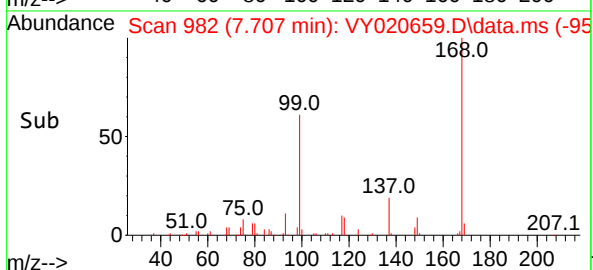
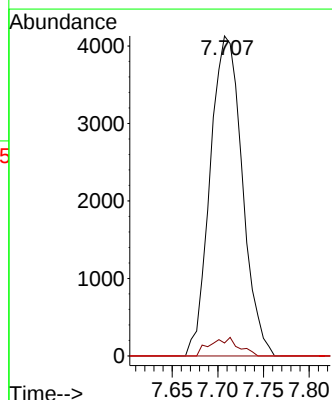
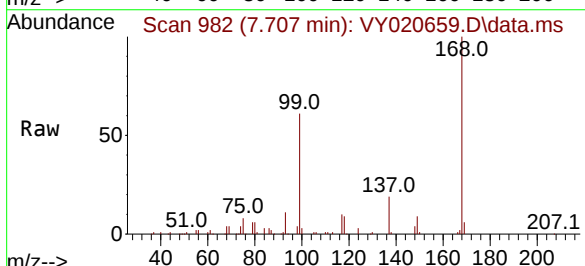
Tgt Ion: 117 Resp: 10092

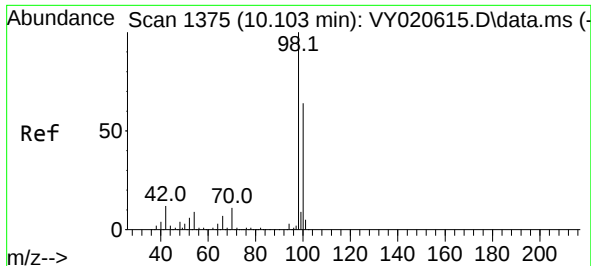
Ion Ratio Lower Upper

117 100

119 4.1 78.3 117.5#

121 0.0 25.1 37.7#

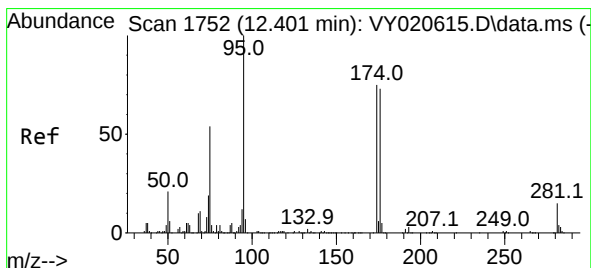
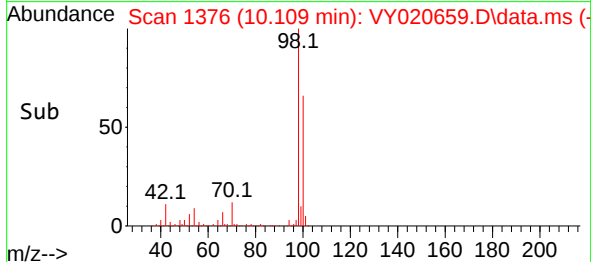
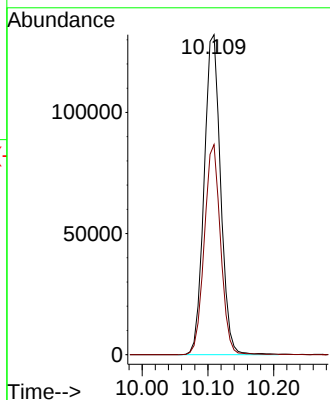
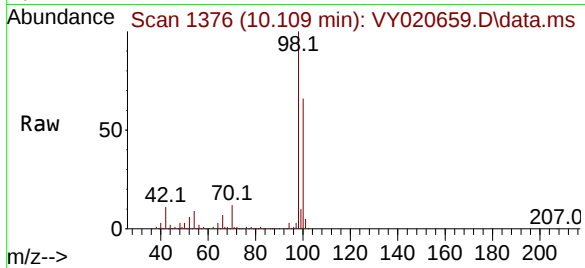




#50
Toluene-d8
Concen: 55.429 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

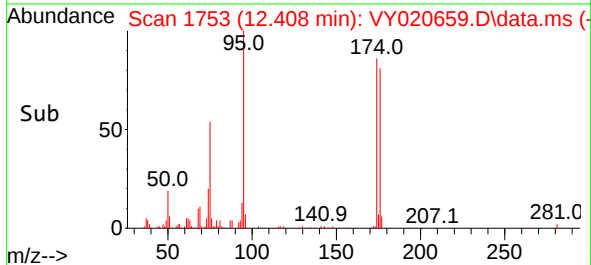
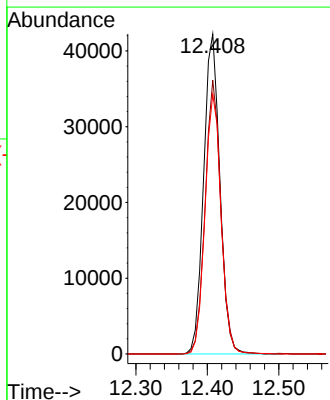
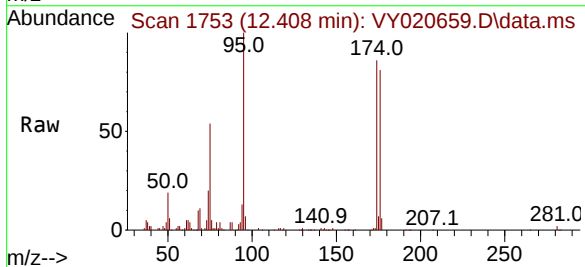
Instrument :
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VNJ210

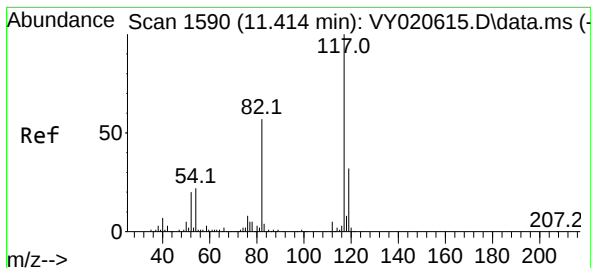
Tgt Ion: 98 Resp: 230278
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.094 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 95 Resp: 66783
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.8
176 80.2 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VNJ210

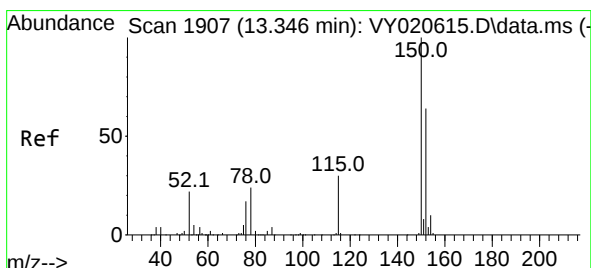
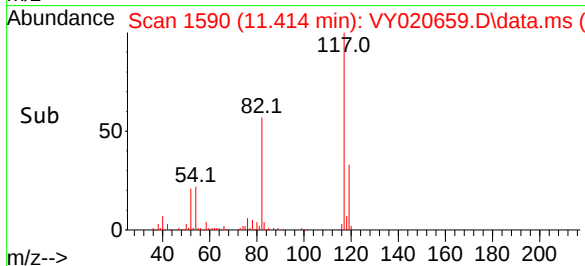
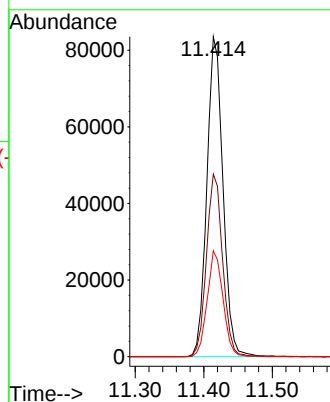
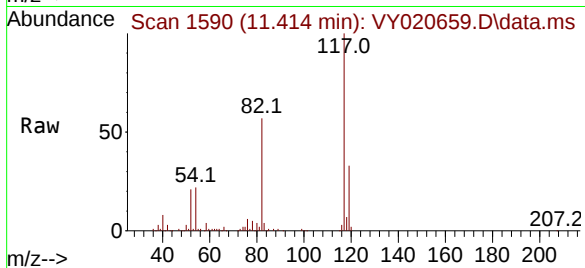
Tgt Ion:117 Resp: 136761

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

119 33.1 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

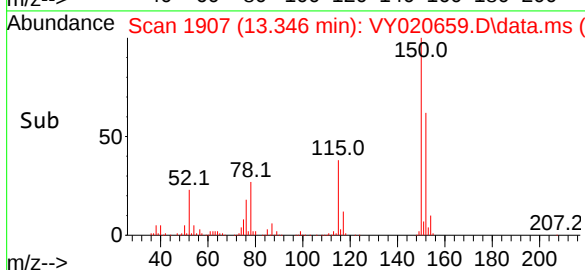
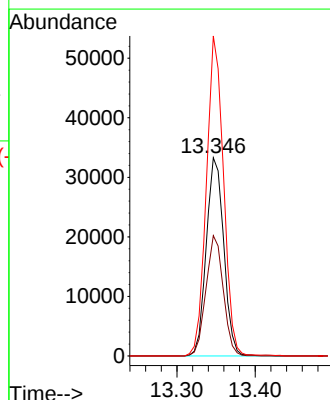
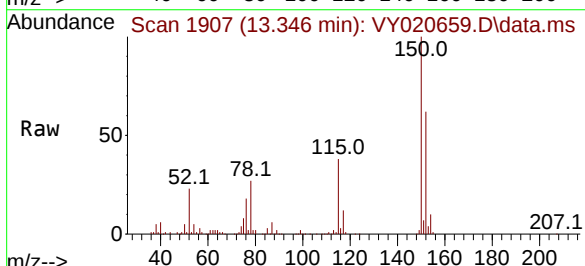
Tgt Ion:152 Resp: 51565

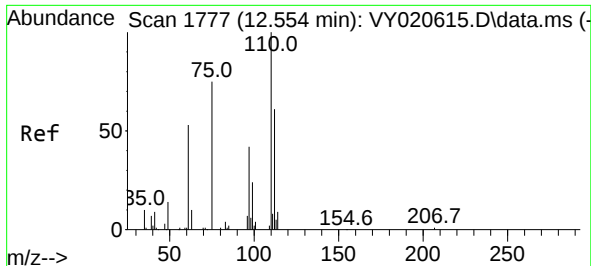
Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 158.1 0.0 355.4

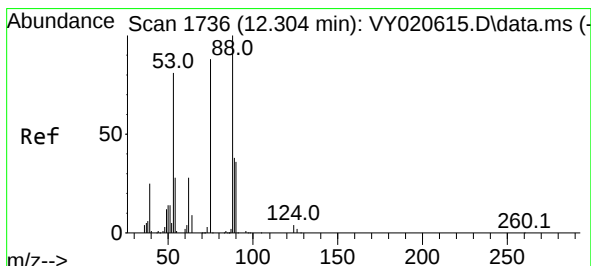
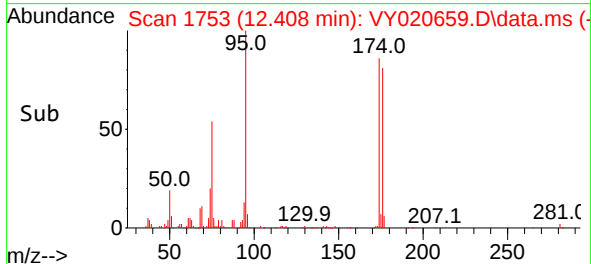
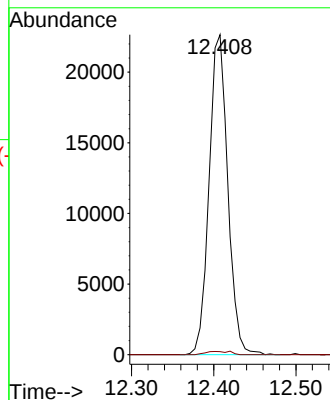
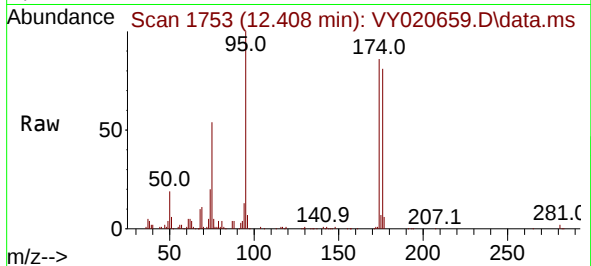




#76
1,2,3-Trichloropropane
Concen: 66.693 ug/l
RT: 12.408 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Tgt Ion: 75 Resp: 35725
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.992 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 75 Resp: 35725
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.1 37.0 55.4#

